

# MEMORANDUM

October 21, 2007

**TO:** Interested Parties

**FROM:** Chris Carlson, Biologist III

**SUBJECT:** Vernita Bar Redd Survey, October 21, 2007

**Discussion:** On Sunday, October 21, 2007 the second Vernita Bar ground redd count was conducted to determine the Initiation of Spawning for the zones below and above the 50 kcfs elevation. The monitoring team consisted of Paul Hoffarth (WDFW) and Chris Carlson (GCPUD). Observing the redd count was Mike Erickson (WDFW). Flows from Priest Rapids Dam at Vernita Bar were about 37 kcfs. Results of this survey are provided in the table below.

<u>Transect</u>	----- Redd Count by Flow Level (kcfs) -----						Total
	<u>(36 – 50)</u>	<u>(50 – 55)</u>	<u>(55 – 60)</u>	<u>(60 – 65)</u>	<u>(65 – 70)</u>	<u>(Above 70)</u>	<u>Number Of Redds</u>
Above A	0	0	0	0	0	0	0
A – AB	0	0	0	0	0	0	0
AB – B	0	0	0	0	0	0	0
Below B	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0
Totals	0	0	0	0	0	0	0

Based on the above survey count and the Hanford Reach Fall Chinook Protection Program Agreement, the Initiation of spawning has not occurred for either zone below or above the 50 kcfs elevation.

No redds were counted during last year's October 22 redd count.

The next redd count will occur on October 28, 2007 and will require a USGS gauging station flow of 38 kcfs.

Please contact me if you have any questions.

(VBReddCountM.doc)

c: Don Anglin  
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